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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | Application Number | 09/599,048 |
| | | | | Filing Date | Jun 21, 2000 |
| | | | | First Named Inventor | Murray |
| | | | | Group Art Unit | 2122 2191 |
| | | | | Examiner Name | STEELMAN, MARY J |
| Sheet | 1 | of | 7 | Attorney Docket Number | MS1-563US |

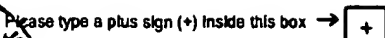
| U.S. PATENT DOCUMENT | | | | | | |
|-----------------------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
| Examiner Initials ¹ | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (If known) | | | |
| AY | | 4514800 | | Gruner et al. | 04/30/1985 | |
| AY | | 4674040 | | Barker et al. | 06/16/1987 | |
| AY | | 4739477 | | Barker et al. | 04/19/1988 | |
| AY | | 4815029 | | Barker et al. | 03/21/1989 | |
| AY | | 4933880 | | Borgendale et al. | 06/12/1990 | |
| AY | | 4962475 | | Hernandez et al. | 10/09/1990 | |
| AY | | 5072412 | | Henderson Jr. et al. | 12/10/1991 | |
| AY | | 5187786 | | Densmore et al. | 02/16/1993 | |
| AY | | 5191645 | | Carlucci et al. | 03/02/1993 | |
| AY | | 5204947 | | Bernstein et al. | 04/20/1993 | |
| AY | | 5206951 | | Khoyi et al. | 04/27/1993 | |
| AY | | 5237680 | | Adams et al. | 08/17/1993 | |
| AY | | 5249275 | | Srivastava | 09/28/1993 | |
| AY | | 5274803 | | Dubin et al. | 12/28/1993 | |
| AY | | 5297249 | | Bernstein et al. | 03/22/1994 | |
| AY | | 5297283 | | Kelly Jr. et al. | 03/22/1994 | |
| AY | | 5313646 | | Hendricks et al. | 05/17/1994 | |
| AY | | 5333317 | | Dann | 07/26/1994 | |
| AY | | 5339423 | | Beitel et al. | 08/16/1994 | |
| AY | | 5339424 | | Fushimi | 08/16/1994 | |

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| Examiner Signature |  | Date Considered | 6-30-05 |
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| Examiner Name | STEELMAN, MARY J |
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| Attorney Docket Number | MS1-563US |
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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Wm. H. Ketchum

Date Considered

6:30.05

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Application Number | 09/599,048 | | |
| | | Filing Date | Jun 21, 2000 | | |
| | | First Named Inventor | Murray | | |
| | | Group Art Unit | 2122 2191 | | |
| | | Examiner Name | STEELMAN, MARY J | | |
| Sheet | 6 | of | 7 | Attorney Docket Number | MS1-563US |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| MI | | "Store and Organize Related Project Files in a Binder," Getting Results with Microsoft Office, 1990, pages 109-112. | |
| MI | | Barker et al., "Creating In-Line Objects Within An Integrated Editing Environment," IBM Technical Disclosure Bulletin, Vol. 27, No. 5, October 1984, page 2962. | |
| MI | | Berg A., "Naming and Binding: Monikers" Inside OLE, 1995, Chapter 9, pages 431-490. | |
| MI | | Clapp D., "The NeXT Application Kit Part I: Non-Responsive Classes," The NeXT Bible 1990, Chapter 16, pages 275-293. | |
| MI | | DiLascia et al., "Sweeper" Microsoft Interactive Developer, Vol. 1, No. 1, 1996, 27 pages. | |
| MI | | Herzner et al., "CDAM- Compound Document Access and Management. An Object-Oriented Approach" Multimedia Systems Interaction and Applications, 1992, Chapter 3, pages 17-36. | |
| MI | | Kobayashi et al., "An Update on BTRON-specification OS Development" IEEE 1991 pages 132-140. | |
| MI | | Peterson B., "Unix Variants," Unix Review, Vol. 10, No. 4, April 1992, pages 29-31. | |
| MI | | Pike et al., "Plan 9 from Bell Labs" UKUUG, Summer 1990, 10 pages. | |
| MI | | Pike et al., "The Use of Name Spaces in Plan 9," Operating Systems Review Vol. 27, No. 2, April 1993, pp. 72-76. | |
| MI | | Staneck W., "Internal and External Media" Electronic Publishing Unleashed, 1995, Chapter 22, pages 510-542. | |

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| Examiner Signature | <i>M. Steelman</i> | Date Considered | 6-30-05 |
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| | | First Named Inventor | Murray |
| | | Group Art Unit | 2122 2191 |
| | | Examiner Name | STEELMAN, MARY J |
| Sheet 7 | of 7 | Attorney Docket Number | MS1-563US |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|---|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| MX | | Zdonik S., "Object Management System Concepts," ACM, 1984, pages 13-19. | |
| MX | | Trupin J., "The Visual Programmer," Microsoft Systems Journal, April 1996, pages 103-105. | |
| MX | | OMG XML Metadata Interchange (XMI) Specification Version 1.2 January 2002. | |
| MX | | Usdin, Tommie et al., "XML: Not a Silver Bullet But a Great Pipe Wrench," Standardview, Vol. 6., No. 3, September 1998, pages 125-132. | |
| MX | | Kanemoto, Hirotaka, et al., "An Efficiently Updatable Index Scheme for Structured Documents," 1998 IEEE, pages 991-996. | |
| MX | | Ciancarini, Paolo et al., "Managing Complex Documents Over the WWW: A Case Study for XML," IEEE Transactions on Knowledge and Data Engineering, Vol. 11, No. 4, July/August 1999, pages 629-938. | |
| MX | | Battle, Steven A., et al., "Flexible Information Presentation with XML," 1998, The Institution of Electrical Engineers, 6 pages. | |
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PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
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Sheet 1

of 1

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|------------------------|-------------------|
| Application Number | 09/599,048 |
| Filing Date | 6/21/2000 |
| First Named Inventor | Michael C. Murray |
| Art Unit | 2122 2191 |
| Examiner Name | Mary J Steelman |
| Attorney Docket Number | MS1 563US |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| MA | | US- 5806079 | 9/8/1998 | Rivette et al | |
| MA | | US- 5991710 | 11/23/1999 | Papineni et al | |
| MA | | US- 6122647 | 9/19/2000 | Horowitz et al | |
| MA | | US- 6343302 | 1/29/2002 | Graham | |
| MA | | US- 6389434 | 5/14/2002 | Rivette et al | |
| MA | | US- 6434564 | 8/13/2002 | Ebert | |
| MA | | US- 6477544 | 11/5/2002 | Bolosky et al | |
| MA | | US- 6563514 | 5/13/2003 | Samar | |
| MA | | US- 6581061 | 6/17/2003 | Graham | |
| MA | | US- 6748385 | 6/8/2004 | Rodkin et al | |
| MA | | US- 6751777 | 6/15/2004 | Bates et al | |
| MA | | US- 6772139 | 8/3/2004 | Smith, III | |
| MA | | US- 6774926 | 8/10/2004 | Ellis et al | |
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